

NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patent Ver. 2.0
SEQ ID NO 3
LENGTH: 6855
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (192)..(6755)
US-09-404-650-3

Query Match 18.8%; Score 31.6; DB 4; Length 6855;
Best Local Similarity 54.2%; Pred. No. 1.2;
Matches 64; Conservative 0; Mismatches 54; Indels 0; Gaps 0;

QY 14 CCGTGGGCAATTTCCCGGAGTGGCCCGGAGCTGCTGCTGAGACTCGGGGAGCAT 73
DB 5751 CTTGCTGCTTTGGCGGCGAGGTGGGAGCTGTGGGCTCTGAGACTGAGTGTGAC 5692
QY 74 TGACCATGCTCTCTGAGATGAGACTGTGACGCTGCTGCTGAGTCTGAGGAG 131
DB 5691 CCAGCAGATGACGAGGAGCTGTGATTCAGGAGAGAGGCTCGTCTGACGAG 5634

RESULT 3
US-09-173-581-12
Sequence 12, Application US/09173581A
Patent No. 6013455

GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Tang, Y. Tom
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
APPLICANT: Gorsone, Gina
APPLICANT: Azimzai, Yalda
APPLICANT: Lu, Aina
TITLE OF INVENTION: Protein Kinase Homologs
FILE REFERENCE: PF-0614 US
CURRENT APPLICATION NUMBER: US/09/173,581A
CURRENT FILING DATE: 1998-10-15
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PERL Program
SEQ ID NO 12
LENGTH: 1574
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: 507669
US-09-173-581-12

Query Match 18.6%; Score 31.2; DB 3; Length 1574;
Best Local Similarity 50.0%; Pred. No. 1.2;
Matches 78; Conservative 0; Mismatches 78; Indels 0; Gaps 0;

QY 11 TGGCCCTGGGCAATTTCCCGGAGTGGCCCGGAGCTGCTGCTGAGACTCGGGAGC 70
DB 295 TCGCTGTGACAGCTATGAGCCCTTCTACACGAGATCTGGCTTTGAGAGGGGAGAC 354
QY 71 CATTGACCATGCTCTCTGAGATGAGACTGTGACGCTGCTGTAAGTCTGAGCA 130
DB 355 AGCTCCCATCTGAGAGCAGACGCGAGGTGTGAGAGGCGACACTCCCTGACACGAGCC 414
QY 131 GAGGATTAACATCCCGGAGCTGAGCAAGTGGGAGG 166
DB 415 AGGAGGCTTATCCCTTCAATTTTGTGGCCAAAG 450

RESULT 4
US-09-420-915-12
Sequence 12, Application US/09420915
Patent No. 6264947

GENERAL INFORMATION:
APPLICANT: Bandman, Olga
APPLICANT: Tang, Y. Tom
APPLICANT: Hillman, Jennifer L.
APPLICANT: Yue, Henry
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
APPLICANT: Gorsone, Gina
APPLICANT: Azimzai, Yalda
APPLICANT: Lu, Aina
TITLE OF INVENTION: Protein Kinase Homologs
FILE REFERENCE: PF-0614 US
CURRENT APPLICATION NUMBER: US/09/420,915
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/173,581
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PERL Program
SEQ ID NO 12
LENGTH: 1574
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: 507669
US-09-420-915-12

Query Match 18.6%; Score 31.2; DB 4; Length 1574;
Best Local Similarity 50.0%; Pred. No. 1.2;
Matches 78; Conservative 0; Mismatches 78; Indels 0; Gaps 0;

QY 11 TGGCCCTGGGCAATTTCCCGGAGTGGCCCGGAGCTGCTGCTGAGACTCGGGAGC 70
DB 295 TCGCTGTGACAGCTATGAGCCCTTCTACACGAGATCTGGGCTTTGAGAGGGGAGAC 354
QY 71 CATTGACCATGCTCTCTGAGATGAGACTGTGACGCTGCTGTAAGTCTGAGCA 130
DB 355 AGCTCCCATCTGAGAGCAGACGCGAGGTGTGAGAGGCGACACTCCCTGACACGAGCC 414
QY 131 GAGGATTAACATCCCGGAGCTGAGCAAGTGGGAGG 166
DB 415 AGGAGGCTTATCCCTTCAATTTTGTGGCCAAAG 450

RESULT 5
US-08-630-915A-191/C
Sequence 191, Application US/08630915A
Patent No. 6309820

GENERAL INFORMATION:
APPLICANT: SPARKS, Andrew B.
APPLICANT: HOFFMAN, No. 6309820h
APPLICANT: KAY, Brian K.
APPLICANT: FOWLES, Dana M.
APPLICANT: McCONNELL, Stephen J.
TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL
TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND
NUMBER OF SEQUENCES: 227
CORRESPONDENCE ADDRESS:
ADDRESSER: Pennie & Edmonds LLP
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10036-2711

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,915A
FILING DATE: 03-APR-1996
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Mastrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-174
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-8864/9741
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 191:
SEQUENCE CHARACTERISTICS:
LENGTH: 1687 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: DNA
US-08-630-915A-191

Query Match 18.0%; Score 30.2; DB 4; Length 1687;

Best Local Similarity 65.7%; Pred. No. 2.4;

Matches 44; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

QY 1 GCCACAGCGCTGCGCTTCCCGCAGGTGCGCCGCGAGCTGTCGCTGAGA 60
DB 1160 GCCACAGCGAGGCTTGTCTCACTATCCGTCCAGGGGCAAGCCAGCTGTCGAGAG 1101

QY 61 CTGCGGG 67
DB 1100 GTGCGGG 1094

RESULT 6

US-09-199-637A-135/C
Sequence 135 Application US/09199637A

Patent No. 6355411

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick

APPLICANT: Goodman, Howard M.

APPLICANT: Rahme, Laurence G.

APPLICANT: Mahajan-Miklos, Shalina

APPLICANT: Cao, Hui

APPLICANT: Drenthard, Eliana

APPLICANT: Tsongalis, John

TITLE OF INVENTION: VIRULENCE-ASSOCIATED NUCLEIC ACID

FILE REFERENCE: 00786/361002

CURRENT APPLICATION NUMBER: US/09/199,637A

CURRENT FILING DATE: 1998-11-25

PRIOR APPLICATION NUMBER: 60/066,517

PRIOR FILING DATE: 1997-11-25

NUMBER OF SEQ ID NOS: 437

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 135

LENGTH: 1723

TYPE: DNA

ORGANISM: Pseudomonas aeruginosa

US-09-199-637A-135

Query Match 18.0%; Score 30.2; DB 4; Length 1723;

Best Local Similarity 60.2%; Pred. No. 2.4;

Matches 50; Conservative 0; Mismatches 33; Indels 0; Gaps 0;

QY 2 CCACAGCGCTGCGCTTCCCGCAGGTGCGCCGCGAGCTGTCGCTGAGAC 61
DB 1031 CCGCGCGCTGCGCTTCCCGCAGGTGCGCCGCGAGCTGTCGCTGAGAC 972

QY 62 TCGGAGAGCCATTGACATGCTC 84
DB 971 GCGAGCAGACCGTGACTGCTC 949

RESULT 7

US-09-404-650-1/C

Sequence 1, Application US/09404650

Patent No. 6309858

GENERAL INFORMATION:

APPLICANT: Dietrich, Paul S.

APPLICANT: McGovern, Joseph G.

TITLE OF INVENTION: T-TYPE CALCIUM CHANNEL VARIANTS; COMPOSITIONS THEREOF;

FILE REFERENCE: R0043B-REG sequence listing

CURRENT APPLICATION NUMBER: US/09/404,650

CURRENT FILING DATE: 1999-09-23

NUMBER OF SEQ ID NOS: 12

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 1

LENGTH: 6816

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

NAME/KEY: CDS

LOCATION: (192)..(6716)

US-09-404-650-1

Query Match 18.0%; Score 30.2; DB 4; Length 6816;

Best Local Similarity 55.1%; Pred. No. 3.3;

Matches 59; Conservative 0; Mismatches 48; Indels 0; Gaps 0;

QY 25 TTCCCGCAGCTGCGCCGCGAGCTGTCGCTGAGACTCGGAGCCATTGACCATGTC 84
DB 5701 TTCCCGCAGCTGCGCCGCGAGCTGTCGCTGAGACTCGGAGCCATTGACCATGTC 5642

QY 85 TCTGAGATGAGACTGTGAGCGGTGCTGTGAAGTCTCAGGAG 131
DB 5641 GACGAGACTGTGCTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 5595

RESULT 8

US-08-306-691B-48

Sequence 48 Application US/08306691B

Patent No. 5734039

GENERAL INFORMATION:

APPLICANT: Calabretta, Bruno

APPLICANT: Skorski, Tomasz

TITLE OF INVENTION: ANTISENSE

TITLE OF INVENTION: OLIGONUCLEOTIDES TARGETING COOPERATING ONCOGENES

NUMBER OF SEQUENCES: 55

CORRESPONDENCE ADDRESSES:

ADDRESS: Seidel, Gonda, Lavorgna & Monaco, P.C.

STREET: Two Penn Center, Suite 1800

CITY: Philadelphia

STATE: Pennsylvania

COUNTRY: U.S.A.

ZIP: 19102

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 720 KB

COMPUTER: IBM PS/2

OPERATING SYSTEM: MS-DOS

SOFTWARE: WordPerfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/306,691B

FILING DATE: September 15, 1994

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Monaco, Daniel A.

REGISTRATION NUMBER: 30,480

REFERENCE/DOCKET NUMBER: 8321-8

TELECOMMUNICATION INFORMATION:

TELEPHONE: (215) 568-8383

TELEFAX: (215) 568-5549

TELEX: No. 5734039e

INFORMATION FOR SEQ ID NO: 48:

SEQUENCE CHARACTERISTICS:

LENGTH: 2757 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
US-08-691B-48

Query Match 17.9%; Score 30; DB 1; Length 2757;
Best Local Similarity 48.8%; Pred. No. 3.1;
Matches 81; Conservative 0; Mismatches 85; Indels 0; Gaps 0;

QY 1 GCCACAGCCGTCGCTGGGCAAGTTTCCCGCAGAGTGGCCGCGCAGAGCTGTGCTGAGA 60
DB 2319 GGCACAGCCAAAGCCCGATGACTTTCGGCCCGCCGTCGAGAGCTGTGCTGAGA 2378
QY 61 CTCGGGAGCCATTGACATCGTCTCTGAGAGTGAAGACTGTGTGAGCGTCTGTGA 120
DB 2379 GAGGTGACATCATCAAGATCCTTAACAAAGAGGACAGCAAGCGTGTGGAGGGAG 2438
QY 121 GTCTCAGCAGAGAGATTAACATCCCGAGTCACAGTCGCGCAAG 166
DB 2439 ATCTATGCGCGGGTGGTGTCTCCCTGCCAATCACTGAGAGGAAG 2484

RESULT 9
PCT-US93-06251-79

Sequence 79, Application PC/TUS9306251
GENERAL INFORMATION:
APPLICANT: Wickstrom, Eric and Rife, Jason P.
TITLE OF INVENTION: Trivalent Synthesis of Oligonucleotides Containing
NUMBER OF SEQUENCES: 93
CORRESPONDENCE ADDRESS:
ADDRESSER: SCULLY, SCOTT, MURPHY & PRESSER
STREET: 400 Garden City Plaza
CITY: Garden City
STATE: NY
COUNTRY: USA
ZIP: 11530
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/06251
FILING DATE: 19930630
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Digiglio, Frank S.
REGISTRATION NUMBER: 31,346
REFERENCE/DOCKET NUMBER: B586
TELECOMMUNICATION INFORMATION:
TELEPHONE: 516-742-4343
TELEFAX: 516-742-4366
TELEX: 230 901 SANS UR
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 2757 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
PCT-US93-06251-79

Query Match 17.9%; Score 30; DB 5; Length 2757;
Best Local Similarity 48.8%; Pred. No. 3.1;
Matches 81; Conservative 0; Mismatches 85; Indels 0; Gaps 0;

QY 1 GCCACAGCCGTCGCTGGGCAAGTTTCCCGCAGAGTGGCCGCGCAGAGCTGTGCTGAGA 60
DB 2319 GGCACAGCCAAAGCCCGATGACTTTCGGCCCGCCGTCGAGAGCTGTGCTGAGA 2378
QY 61 CTCGGGAGCCATTGACATCGTCTCTGAGAGTGAAGACTGTGTGAGCGTCTGTGA 120

DB 2379 GAGGTGACATCATCAAGATCCTTAACAAAGAGGACAGCAAGCGTGTGGAGGGAG 2438
QY 121 GTCTCAGCAGAGAGATTAACATCCCGAGTCACAGTCGCGCAAG 166
DB 2439 ATCTATGCGCGGGTGGTGTCTCCCTGCCAATCACTGAGAGGAAG 2484

RESULT 10
US-08-455-543A-8/c
Sequence 8, Application US/08455543A
Patent No. 5792846

GENERAL INFORMATION:
APPLICANT: Harpold, Michael
APPLICANT: Ellis, Steven
APPLICANT: Williams, Mark
APPLICANT: Feldman, Daniel
APPLICANT: McCue, Ann
APPLICANT: Brenner, Robert
TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
NUMBER OF SEQUENCES: 57
CORRESPONDENCE ADDRESS:
ADDRESSER: Brown, Martin, Hallier & McClain
STREET: 1660 Union Street
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92101-2926
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/455,543A
FILING DATE: May 31, 1995
APPLICATION NUMBER: 08/223,305
FILING DATE: April 4, 1994
APPLICATION NUMBER: 07/868,354
FILING DATE: April 10, 1992
APPLICATION NUMBER: US 07/745,206
FILING DATE: 15-AUG-1991
APPLICATION NUMBER: US 07/620,250
FILING DATE: 30-NOV-1990
APPLICATION NUMBER: 07/482,384
FILING DATE: 20-FEB-1990
APPLICATION NUMBER: US 07/603,751
FILING DATE: 04-APR-1989
APPLICATION NUMBER: WO PCT/US89/0140B
FILING DATE: 04-APR-1989
APPLICATION NUMBER: US 07/176,899
FILING DATE: 04-APR-1988
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 6362-52517
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 238-0999
TELEFAX: (619) 238-0062
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 7175 base pairs
TYPE: nucleic acid
STRANDEDNESS: double


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1      FILING DATE: 04-APR-1989
2      PRIOR APPLICATION DATA:
3      APPLICATION NUMBER: US 07/176,899
4      FILING DATE: 04-APR-1988
5      ATTORNEY/AGENT INFORMATION:
6      NAME: Seidman, Stephanie L.
7      REGISTRATION NUMBER: 33,779
8      REFERENCE/DOCKET NUMBER: 52516 (P519739)
9      TELECOMMUNICATION INFORMATION:
10     TELEPHONE: (619)238-0999
11     TELEFAX: (619)238-0062
12     INFORMATION FOR SEQ ID NO: 8:
13     SEQUENCE CHARACTERISTICS:
14     LENGTH: 7175 base pairs
15     TYPE: nucleic acid
16     STRANDEDNESS: double
17     TOPOLOGY: linear
18     MOLECULE TYPE: DNA (genomic)
19     FEATURE:
20     NAME/KEY: CDS
21     LOCATION: 144..6857
22     FEATURE:
23     NAME/KEY: 5'UTR
24     LOCATION: 1..143
25     FEATURE:
26     NAME/KEY: 3'UTR
27     LOCATION: 6855..7175
28     OS-08-223-305C-8

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Query Match 17.7%; Score 29.8; DB 2; Length 7175;
Best Local Similarity 15.0%; Pred. No. 4.4;
Matches 61; Conservative 0; Mismatches 52; Indels 0; Gaps 0;

RESULT 13
 US-08-149-097D-8/c
 Sequence 8, Application US/08149097D
 Patent No. 5874236
 GENERAL INFORMATION:
 APPLICANT: Harpold, Michael
 APPLICANT: Ellis, Steven
 APPLICANT: Williams, Mark
 APPLICANT: Feldman, Daniel
 APPLICANT: McCue, Ann
 APPLICANT: Brenner, Robert
 TITLE OF INVENTION: HUMAN CALCIUM CHANNEL COMPOSITIONS AND
 TITLE OF INVENTION: METHODS
 NUMBER OF SEQUENCES: 40
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Brown, Martin, Haller & McClain
 STREET: 1660 Union Street
 CITY: San Diego
 STATE: California
 COUNTRY: USA
 ZIP: 92101-2926
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent in Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/149,097D
 FILING DATE: 05-NOV-1993
 CLASSIFICATION: 435
 PRIORITY APPLICATION DATA:

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1      APPLICATION NUMBER: 08/105,536
2      FILING DATE: 11-AUG-1993
3      PRIOR APPLICATION DATA:
4      APPLICATION NUMBER: WO PCT/US92/06903
5      FILING DATE: 14-AUG-1992
6      PRIOR APPLICATION DATA:
7      APPLICATION NUMBER: US 07/914,231
8      FILING DATE: 13-JUL-1992
9      PRIOR APPLICATION DATA:
10     APPLICATION NUMBER: US 07/868,354
11     FILING DATE: 10-APR-1992
12     PRIOR APPLICATION DATA:
13     APPLICATION NUMBER: US 07/745,206
14     FILING DATE: 15-AUG-1991
15     PRIOR APPLICATION DATA:
16     APPLICATION NUMBER: US 07/620,250
17     FILING DATE: 30-NOV-1990
18     PRIOR APPLICATION DATA:
19     APPLICATION NUMBER: US 07/482,384
20     FILING DATE: 20-FEB-1990
21     PRIOR APPLICATION DATA:
22     APPLICATION NUMBER: US 07/603,751
23     FILING DATE: 04-APR-1989
24     PRIOR APPLICATION DATA:
25     APPLICATION NUMBER: WO PCT/US89/01408
26     FILING DATE: 04-APR-1989
27     PRIOR APPLICATION DATA:
28     APPLICATION NUMBER: US 07/176,899
29     FILING DATE: 04-APR-1988
30     ATTORNEY/AGENT INFORMATION:
31     NAME: Seidman, Stephanie L.
32     REGISTRATION NUMBER: 33,779
33     REFERENCE/DOCKET NUMBER: 6362-55038
34     TELECOMMUNICATION INFORMATION:
35     TELEPHONE: (619) 238-0999
36     TELEFAX: (619) 238-0062
37     INFORMATION FOR SEQ ID NO: 8:
38     SEQUENCE CHARACTERISTICS:
39     LENGTH: 7175 base pairs
40     TYPE: nucleic acid
41     STRANDEDNESS: double
42     TOPOLOGY: linear
43     MOLECULE TYPE: DNA (genomic)
44     FEATURE:
45     NAME/KEY: CDS
46     LOCATION: 144..6857
47     FEATURE:
48     NAME/KEY: 5'UTR
49     LOCATION: 1..143
50     FEATURE:
51     NAME/KEY: 3'UTR
52     LOCATION: 6855..7175
53     OS-08-149-097D-8

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QY      1  GGCACACCGCTGGCCCTGGGAGATTCCCGGAGTGGCCGGGCGGAGCTGTGCGTGAAG 60
Db      2906  GGGCGGTGTGTCGCGCGCGCGCCCTGTGGAGCTGTGGCTTCGCGCGCGCTC 284
          Matches      61;  Conservative      0;  Mismatches      52;  Indels      0;  Gaps
Query Match      11.7%;  Score 29.8;  DB 2;  Length 7175;
Best Local Similarity      51.0%;  Pred. No. 4.4;
          Matches      61;  Conservative      0;  Mismatches      52;  Indels      0;  Gaps
QY      61  CTCGGGAGCTCATTTGACATGTCTCTGAGATGGAGCTGTGTGACGGTGCT 113
Db      2846  CTCGGGGAGGCTCCCGGAGGCTCTTGTGCTGTGGTGTGGGTGGCGGCGGCGGCT 2794

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RESULT 14
US-08-949-386-8/c
; Sequence 8, Application US/08949386
; Patent No. 6090623
; GENERAL INFORMATION:
; APPLICANT: Harpold, Michael

Tue Apr 1 06:01:38 2003

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Page 8

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1      FILING DATE: 02-FEB-1990
2      PRIOR APPLICATION DATA:
3      APPLICATION NUMBER: PCT/US89/01408
4      FILING DATE: 04-APR-1989
5      PRIOR APPLICATION DATA:
6      APPLICATION NUMBER: 07/176,899
7      FILING DATE: 04-APR-1988
8      ATTORNEY/AGENT INFORMATION:
9      NAME: Selman, Stephanie L.
10     REGISTRATION NUMBER: 33,779
11     REFERENCE/DOCKET NUMBER: 6362-519812
12     TELECOMMUNICATION INFORMATION:
13     TELEPHONE: (619) 238-0999
14     TELEFAX: (619) 238-0999
15     INFORMATION FOR SEQ ID NO: 8:
16     SEQUENCE CHARACTERISTICS:
17     LENGTH: 7175 base pairs
18     TYPE: nucleic acid
19     STRANDEDNESS: double
20     TOPOLOGY: linear
21     MOLECULE TYPE: DNA (genomic)
22     FEATURE:
23     NAME/KEY: CDS
24     LOCATION: 144..6857
25     FEATURE:
26     NAME/KEY: 5'UTR
27     LOCATION: 1..143
28     FEATURE:
29     NAME/KEY: 3'UTR
30     LOCATION: 6855..7175
31
32 US-08-450-562-8

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